BICYCLE TOOLS

EN 2005

UNIOR®

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FORGINGS & SINTERED

MACHINE TOOLS

UNIOR®
More than just the Tools

TOURISM

Program: HAND TOOLS **Users:**

Wrenches

Sockets

Pliers

Pipe wrenches, cutters, tube sets

Shears, snips, hammers, files,

Screwdrivers

Tools storage products

Electrician:

Plumbers:

Construction worker:

Mechanics and maintainers:

Electronic engineers:

From head cup to pedal,
From frame to most hidden details
For safe and reliable bicycle maintenance
Use Unior Hand Tools.

The use of new technological methods and top quality materials result in tools with a ling life span,
Safety designs ensure repair jobs without damages,
Customized solutions excellent effectiveness,
Modern materials and ergonomic design provide good looks and safe use.

Unior is the leader in the quality hand tool field for professional and end users.
Made in Slovenia, Europe

UNIOR®

MASTER TOOLS FOR SIMPLE AND FOR DEMANDING BICYCLE REPAIRS

UNIOR means reliable, functionally designed, top quality hand tools.

Unior hand tools are designed for long term professional use, but bike enthusiasts as well can find a wide range of different tools to facilitate their work. The Unior Joint Stock Company is one of the largest and most important European manufacturers of hand tools, drop forgings and machine tools. Our dependable performance is based on the rich tradition of Slovenian forging. This tradition, coupled with up to date expertise, ensures innovative and top quality products. Permanent compliance with the highest European and World standards maintains and strengthens the company's position as an important international provider of quality products and services in the field of the metal processing industry. Today the company is highly regarded and employs state of the art production processes and people with exceptional experience and knowledge.

The history of UNIOR began in 1919

As the first thoughts flashed through his mind, man felt the need to change his environment and looked around in search of objects which he could tailor to his needs. So he came to invent tools. The origins of the Unior company date back to it's foundation in 1919, with its production programme of forged implements, and tools for agriculture, forestry and crafts. Today Unior Joint Stock Company employs about 2500 workers within its four divisions: forged parts, hand tools, machine tools and activities in tourism. Unior it is a manufacturer of top quality forged and sintered parts for the automobile industry (VW, Audi, BMW, Renault, Ford, Volvo, Peugeot,...) and hand tools, which are designed for long term professional use. The machine tool division produces purpose oriented machines for the treatment of forgings and castings, mainly in the automotive industry. We also have a successful tourism division. With its four separate programmes Unior today has a stable and balanced portfolio of activities that make up for a successful and dynamic company.

UNIOR hand tools and its operating systems comply with international standards

The persistent quality of our hand tools results from an efficient quality system management in compliance with the international ISO 9001 / 2000 Certificate and ISO 14000.

UNIOR - the leader in the quality hand tools field for professional users

For quality, chose UNIOR hand tools. UNIOR is a well known trade mark of quality hand tools in many European and other countries for different applications. The long useful life of UNIOR tools is provided by the great tradition of tools forging, application of new technological methods and top quality materials, such as chrome vanadium steel. Design, development and manufacture of UNIOR hand tools are being permanently adapted to customer requirements. Customizing in manufacture provides exceptional adaptability, efficiency and aesthetic appearance of tools. The production of hand tools, with more than 3500 different products, uses different production methods and operations. UNIOR also divides its products groups, such as wrenches, pliers, screwdrivers, VDE tools, pullers, tin snips, tool storage products, tools for plumbers, electricians, electronics, plumbers and of course bicycle repair stores into different categories. The catalogue of Unior hand tools is available at our distributors and agents.

Our own distribution network

For buyers who look for quality, UNIOR hand tools are available worldwide. Unior trade offices abroad make our hand tools available to the buyers around the world. Our extensive distribution network in (GB, France, Austria, Italy, Spain, Greece, Singapore, Macedonia, Russia, Australia and USA) reaches customers all over the world.

THE UNIOR TRADE MARK IS A GUARANTY FOR LONG TOOL LIFE AND FOR ATISFACTION OF OUR MOST DEMANDING CUSTOMERS

UNIOR HELPS MAINTAIN SAFE AND RIDEABLE BICYCLES. Whether maintenance is done by the bicycle shop or the bike enthusiast himself UNIOR offers specialty tools for safe and easy repairs.

Designed together with leading bicycle manufactures and well known professsional repair shops

With the Unior hand tool programme we focus on the development and production of high quality hand tools for bicycles with perfect adaptability to individual bicycle parts. We work hand in hand with the leading bicycle manufacturers in order to make available the best solutions of hand tools for the latest bicycle models on the market. Our solutions offer adaptability to the bicycle parts of all producers. Our tradition, our own design, and constant technical development and modern technology keep us one step ahead.

UNIOR Bicycle tools for easy, efficient, and safe use

The design of UNIOR bicycle tools is based on the experience of the most demanding users and permanent R&D in cooperation with well known bicycle repair shops. The UNIOR hand tools are known for their excellent durability. UNIOR hand tools finish many jobs faster and make working in tight areas easier. They are adapted to also work even on the latest bicycle models.

UNIOR Bicycle tools offer a perfect collection for working on every bicycle part

Specially designed UNIOR hand tools are a great help for all repairs from head cup to wheels, from brakes to sprockets. They offer an easier approach to work on suspension forks, shifters, crank sets, sprockets, chains, bottom brackets, front hubs, headsets, head cups, brakes, rims, pedals...for cutting threads, alignments, adjusting bottom brackets, frames, forks etc.

BALL RACE REMOVER

Art. 1615
Code: 615526

Material: Carbon Steel, hardened and tempered
Surface with black finish

This tool is intended for installation of 1" and 1 1/8" headsets. The design enables precise fitting and equal pressure to the headset using the proper size of the tool.

BALL RACE REMOVER

Material: Carbon Steel, hardened and tempered
Surface with black finish

Art. 1616
Code: 615527

This tool is used for removal of headsets of different sizes. To remove the ball bearing cups tap on tool with hammer.

BEARING CUP PRESS

Material: Carbon Steel

Art. 1680
Code: 616290

This tool accurately aligns and presses headset cups 1" 1 1/8", 1 1/4" and 1 1/2" into head tubes. In addition it has a longer spindle for BMX headsets with larger tubing. This precision made tool enables work without damages.

THREADLESS NUT SETTER

Art. 1682
Code: 616292

Material: Carbon Steel

The threadless nut setter is used to install the star-fangled nut found on 1" and 1 1/8"threadless headset systems. It is intended for both professionals and home users.

HEAD SET CUP REMOVER

Art. 1681
Code: 616291

Material: Carbon Steel

The head set cup remover makes removal of used cups 1", 1 1/8" and 1 1/4" from the frame easy

CROWN RACE SETTING SYSTEM

Art. 1683
Code: 616085

Material: Carbon Steel
Hardened and tempered
Surface with black finish

The crown race setting system is intended for crown race installation on the fork tube to fit 1". The inserts are interchangeable. This tool enables quick and efficient work.

CONE WRENCH, single sided, offset

Art. 1618
Code: 615372 Dim.: 36

Material: Carbon Steel, hardening and tempering
Surface finish: Chrome plated, double plastic dipped handles

The design of the offset cone wrench enables working in difficult hard to reach places. This unique design is suitable for assembly and disassembly of nuts on Sun Tour handlebars. It is intended to be used together with the single sided cone wrench, art. 1617. The new design enables higher torque and reduces physical effort.

FORK THREADING TOOL

Plastic dipped handles

Art.1696

Code:	Dim.:
616074	1"

Cutting Guide:

Art. 1696.1

Code:	Dim.:
616075	1"

The fork threading tool is designed for cutting new threads and for chasing existed threads on fork columns that are not chromed.

Made of quality steel is designated for long life use. Set the tool on the fork column under 90° angle. When cutting threads use the cutting grass.
The ergonomic design of the handle ensures optimal force transmission and an effective work.

FRAME and FORK END ALIGNMENT GAUGE TOOL

Art. 1692

Code:
616086

Remove the wheel and insert the tool into the frame. The tool is used for the alignment of the back fork to achieve the para-llelism.

WORK CLOTHES

Use Unior work clothes for comfortable feeling at work

Code:		Size:
610465	Cap	
610460	T - shirt (gray or blue)	XL-XXL
610652	Work Vest	50-62
616497	Apron	

BOTTOM BRACKET TOOL

Art. 1608
Code:
615534

Material: Carbon Steel, hardened and tempered
Surface finish: Chrome plated
Double plastic dipped handles

This tool is made for the installation and removal of bottom brackets XTR® and Dura Ace and enables easy work without slippage and damage.

LOCKRING WRENCH

Art. 1609
Code:
615536

Material: Carbon Steel
Hardened and tempered
Surface finish: Chrome plated
Double plastic dipped handles

The wrench is used to remove and install bottom brackets Shimano® XTR FC M960, XT FC-M 760, SAINT FC M 800, RACE FACE® X-TYPE, FSA® MEGAE X, Truativ® Giga X- Pipe without slippage or damage. The wrench has an additional feature to loosen the plastic pin of the bottom bracket.

BOTTOM BRACKET TAPPING and FACING TOOL

Handles: Plastic dipped

This tool is used for tapping the threads in the bottom bracket shell of a frame. When cutting left and right thread insert the tool at one time parallel from both sides into the bottom bracket shell of a frame.
The design enables effective and precise work.

Art. 1697
Code:
616076

PEDAL WRENCH

Art. 1610

Code:	Dim.:	L:
615011	15x15	340
615012	15x17	340
615127	15x9/16	340

Material: chrome vanadium
Surface finish: Chrome plated
Hardening and tempering.

Pedal wrench is intended for quick, simple and efective assembly and disassembly of the pedals. Extremely long and slim body as well as specially designed jaw enable perfect adaptability to the pedals. Higher speed and safety by screwing and unscrewing the pedals compared to the traditional open end wrench ensures comfortable working without damage. The pedal wrenches are available in three different dimensions: 15x15mm for pedals, 15 x17xmm and 15x9/16 mm hubs and pedals.

PEDAL WRENCH, PROFI

Art. 1613

Code:	L:
615537	350

Material: Carbon Steel
Hardening and tempering
Surface finish: Chrome plated
Double plastic dipped handles

The professional pedal wrench has three 15 mm openings oriented at different angles so the user can achieve precision and efficient removal of the pedal regardless of the pedal axe position. The wrench design and finish give you durability, strength and precision work. An extra long handle provides the leverage to remove even the tightest pedals.

CRANK PULLER AND WRENCH

Art. 1661

Code:
615529

Material: Carbon Steel, hardened and tempered
Surface with black finish
Dimension: 14 mm

This tool is designed for removing sprocket and 14 mm nuts. High quality steel and small size enables working in hard to reach places. It is intended for both professionals and home users.

RATCHETING HUB NUT WRENCH

Art.1621

Code:	Dim.:	L:
615248	14x15	200

Material: special composition steel, hardened and tempered, with 75 teeth
Ergonomic heavy duty double component handle
Interchangeable sockets: 14x15 mm

The design of the Unior ratcheting hub nut wrench enables working in hard to reach places and also improved accessibility to the hubs. New shape enables higher torque, reduces physical effort and ensures a longer working life of the tool. Maximum torque is assured by the shape of the handle. A perfect fit to the hand makes it comfortable to work with. The ratcheting nut wrench is made for tightening and loosening nuts of 14 and 15 mm dimensions. It is particularly useful to assemble and disassemble hubs. Special pins prevent the loss of the socket.

RATCHETING HUB WRENCH WITH 14mm SOCKET and 8 mm ALLEN HEAD

Art. 1621 A

Code:	L:
616288	200

Interchangeable allen head HX8 and Socket 14 mm
Material: special composition steel suitable for hardening and tempering

OPEN RING WRENCH WITH OFFSET HEAD

Material: chrome vanadium
Surface finish: chrome plated
Polished head

Art. 183

Code:	Dim.:
612701	8x10

This open ring wrench with offset head it is used for tightening nuts on hydraulic brake pipes.

BOTTOM BRACKET SHELL INSTALLATION TOOL

Material: Carbon Steel

Art. 1607
Code:
616293

This tool is used for the installation and removal of the bottom bracket shell of 35,8 mm and 36,3 mm. It is made of quality steel with heat treatment and surface protection. The advantage of the tool is that it prevents slipping off the shell.

PEDAL TAPS

Precise design and hardening to stay sharp. Left and right tap available in set.

Material: carbon steel

Art.:	Code:	Dimension:
1695.1	616080	M16x1,25
1695.2	616081	M16x1

For cutting new threads to enable the insertion of the alignment tool on badly damaged threads.

For cutting new threads to enable the insertion or the alignment tool on badly damaged threads. This tool enables precise work on pedal taps before cutting the thread.

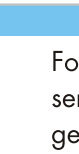
TOOL for ALIGNMENT of PEDAL TAPS

This tool is used for alignment of crank arm and corrected thread on the pedal.

Dimension: M16x1/M14x1,25

Art. 1695...

Art:	Code:	
1695.3	616082	right
1695.4	616083	left



ADJUSTABLE SPANNER

Art.253 A
Code:
616294

Material: chrome vanadium
Double plastic dipped handles
Pins: burnished

The adjustable spanner is intended for installation and removal of freewheel. The 2,3 mm and 2,8 mm pins are interchangeable, the distance between them is adjustable. The biggest difference between the pins is 50 mm open and 10 mm closed.

FREEWHEEL REMOVER

Art. 1660
Code:
615528

Material: Carbon Steel, hardened and tempered
Surface finish: Chrome plated
Chain Whip: 1/2"

The freewheel remover is intended for all types of sprockets including cassette types. It works effectively and precisely without slippage or damage to the sprockets. An added retaining spring is a special feature compared to similar products.

FREEWHEEL REMOVER

Art. 1670...

Article:	Code:		Use for:
1670.1	616062		Shimano®, SRAM®, Sachs Aris®, Sun Race®, use with the ratchet 1/2"
1670.2	616063		Suntour®
1670.3	616064		Suntour®
1670.5	616065		Shimano®, SRAM®, Sun Tour®, Chris King® and Sun Race® and others. Also for disc brakes, use together with the ratchet 1/2" art. 190.1A BI.
1670.6	616066		Freewheel Remover for BMX
1670.7	616067		Freewheel Remover with Guide Pin for Shimano®, SRAM® Sun Race®, Suntour® and others.

CARTRIDGE BOTTOM BRACKET TOOL

Art. 1671...

Article:	Code:		Use for:
1671.1	616068		Shimano®, ISIS, use the freewheel remover together with the ratchet 1/2" art. 190.1A BI.
1671.2	616069		Shimano®, XTR BB-950, Bontrager® and TruVativ® (ISIS Drive®)

FRAME TAPS

Art. 1695

Code:	Dim.:	Use for:
616079	M10x1	frame tap for derailleur hanger
616078	M5	frame tap for water bottle, fender, rack bosses,...
616077	M3	frame tap for derailleur hanger

Its function is to scrap out the rust or restore damaged threads.
Available in three different dimensions.
The finish prevents prom eventual outside damages.

Material: carbon steel

INNER WIRE PLIERS

Art.1642

Code:	L:
615128	180

Material: special composition steel, hardened and tempered
Surface finish: Chrome plated, entirely hardened and tempered. Cutting edges induction hardened
Double plastic dipped handles

The function of the inner wire pliers is to tension steel cables. It holds the inner wire and pulls it out of the housing, quick and simple with less effort.

STEEL WIRE CUTTER "POLLY"

Art. 584 Polly

Code:	L:
615124	170

Brake cable: ϕ 1,65 mm
Derailleur cable: ϕ 1,25 mm

Material: special composition steel suitable, hardened and tempered
Surface finish: Chrome plated
Heavy duty plastic handle

The design of the steel wire cutter enables multiple operations, such as cutting of brake and derailleur cables as well as the squeezing of the cable ends to prevent fraying. This has been developed in connection with well known repair shops.
Specially hardened and tempered cutting edge has high resistance against dulling and allows precise cutting without any damages.

CHAIN RIVET PLIERS

Art. 1640

Code:	L:
615377	240

Material: Carbon Steel, hardened and tempered
Surface finish: Chrome Plated
Entirely hardened and tempered
Pin induction hardened
Double plastic dipped handles

The chain rivet pliers have been developed to enable both professional and home repairs and service work on bicycle chains. Higher functionality, effectiveness and practicality are the advantages of the chain rivet pliers. With this unique design less physical effort is required to extract the rivets from the chain. Jobs will be performed quickly and comfortably without damage to the rivets. The ergonomic shape enables single handed use.

Replaceable pin for chain rivet pliers:

Art. 1640.1

Code:
605956

SCREW TYPE CHAIN TOOL

Art. 1647

Code:
615531

Material: Carbon Steel, hardened and tempered
Heavy duty double component handle

Replaceable pin for screw type chain tool:

Art. 1647.1

Code:
616496

The Screw type chain tool is intended for both professionals and home users. The simple tightening of the spindle fits the chain pin perfectly. With its ergomic design it is easy to use and works with great precision.

SPOKE WRENCH

Material: Carbon Steel
Double plastic dipped handles

The spoke wrench is designed to tighten nipples with flat diameters of 3.3 and 3.45 mm. The ergonomic design makes work easy and efficient. The 3.3 mm wrench has a blue and the 3.45 mm wrench a grey colour.

Art. 1630

Code:	Dim.:
615532	3,30 mm
615533	3,45 mm

TRIPLE SPOKE WRENCH

This wrench fits the popular spoke nipple flat sizes: 3,3 mm, 3,45 mm, 3,7 mm, 3,96 mm, 4,4 mm and 5mm. The shape adjusts perfectly to the hand and allows a comfortable work and easy grip.

Material: Carbon Steel
Hardened and tempered

Art. 1631

Code:
616289

PORTABLE WHEEL DISHING GAUGE

Art. 1691

Code:
616084

The tool to center the rim between the locknuts of the hub, or »dished«. By this precise tool an accurate alignment is assured. Fits to 26", 27"and 28" wheels.

HUB CONE WRENCH

Art: 1612

Code:	Dim
615125	13/14x15/17
615126	13/14x15/16

Material: Carbon Steel, hardening and tempering
Surface finish: Chrome plated

The hub cone wrenches are intended for the home mechanics or professional users. The extreme thin design with pen end jaw fit four popular sizes. These cone wrenches are used by every cyclist for quick repairs and daily maintenance of bicycles.

SET OF CONE WRENCHES:

1612 PB

Dim.:	Code:	Pcs:
13/14x15/17 13/14x15/16	615120	2

OPEN END WRENCH-SHORT

Art: 1612 A

Code:	Dim.:
615373	8x9
615374	10x11
615375	12x13
615376	14x15

Material: Chrome Vanadium
Surface finish: Chrome plated

Made of quality chrome vanadium steel, this wrench combines extreme toughness, hardness and durability. The shape and short design enables work in hard to reach places.

OPEN END WRENCH

These open end wrenches give long service because of precise manufacturing and outstanding quality materials. The wrench is produced from high quality chrome vanadium steel in accordance with DIN standard, which assures durability.

Material: chrome vanadium
Surface finish: chrome plated
Hardness: in accordance with DIN 899, polished head
Rust prevention: in accordance with DIN 50967,DIN 3110,ISO 10102

SET OF OPEN END WRENCH

Art. 110/1 CT

Code:	Pcs.:
615465 110/1	8

Dim.:
6x7; 8x9; 10x11; 12x13; 14x15; 16x17; 18x19; 20x22

Art. 110/1

Code:	Dim.:.
600061	6 x 7
600062	7 x 8
600063	7 x 9
600064	8 x 9
600065	8 x 10
600066	9 x 10
600067	9 x 11
600068	10 x 11
600069	10 x 12
600070	10 x 13
600071	10 x 14
600072	11 x 13
600073	11 x 14
600074	12 x 13
600075	12 x 14
600076	13 x 14
600077	13 x 15
603846	13 x 16
600078	13 x 17
600079	14 x 15
600080	14 x 17
600081	15 x 17
600082	16 x 17
603121	16 x 18
600083	17 x 19
600084	17 x 22
600085	18 x 19
603847	18 x 21
600086	19 x 22
600087	19 x 24
600088	20 x 22
600089	21 x 23
600090	22 x 24
600091	22 x 27
600092	24 x 26
600093	24 x 27
600094	24 x 30
600095	25x28
600096	27 x 29
600097	27 x 30
600098	27 x 32
600099	30 x 32

COMBINATION WRENCH - IBEX

The advantage of the Ibex wrench is that, because of its special form, it drives on three faces of the fastener, generating greater power. Once the wrench has been positioned on the fastener it can be repositioned without having to be removed. This ratchet type action means twice the speed of a conventional open-end wrench.

Material: chrome vanadium
Surface finish: chrome plated, polished head
Hardness: in accordance with DIN 899
Rust prevention: in accordance with DIN 50967

Art. 129

Code:	Dim.:
611762	8
611763	10
611764	11
611765	12
611766	13
611767	14
611768	15
611769	16
611770	17
611930	18
611771	19
611772	22
611773	24

SET OF COMBINATION WRENCH - IBEX

Art. 129 CT

Code:	Pcs.:
615474 129	8

Dim.: 8,10,11,13,15,17,19,22

COMBINATION WRENCH, SHORT

The ring part of wrench has off the point drive profile. The advantage of the new profile is that the wrench acts on the flank of nut to protect its angle. The wrenches are produced from chrome vanadium steel that assures high quality and adequate hardness. Short type wrenches enable working in inaccessible places.

Material: chrome vanadium
Surface finish: chrome plated
Hardness: in accordance with DIN 899
Rust prevention: in accordance with DIN 50967, polished head DIN 3113 in ISO 7738

Art. 125/1

Code:	Dim.:
600414	6
600415	7
600416	8
600417	9
600418	10
600419	11
600420	12
600421	13
600422	14
600423	15
600424	16
600425	17
600426	18
600427	19
600428	20
600429	21
600430	22
602089	23
602090	24
602091	25
602092	26
602093	27
602094	28
602095	29
602096	30
602097	32

COMBINATION WRENCH,

Art. 125/ 1 CT

Code:		Pcs.:
615478	125/1	8

Dim.:
8,10,11,13,15,17,19,22

CONE WRENCH, single sided

Material: Carbon Steel
Hardening and tempering
Surface finish: Chrome plated
Double plastic dipped handles

The design and dimensions of our tools always adapt to new standards and bicycle models. The single sided cone wrench has a remarkable toughness, hardness, durability and tight fit to the handlebar and to the drive bearings. The cone wrench enables easy fitting and loosening of the nuts on the handlebar. The ergonomic shape ensures good functionality. The cone wrench sits perfectly in the hand which makes the work fast and comfortable.

Art: 1617

Code:	Dim.:
615518	13
615519	14
615520	15
615521	16
615522	17
615523	18
615524	19
615525	20
615367	30
615368	32
615369	34
615370	36
615371	40
615456	42
615457	44

ADJUSTABLE WRENCH

Art. 250

Code:	Dim:.
611917	100
611918	150
601016	200
601017	250
601018	300

Adjustable wrenches are suitable for working in inaccessible places and they can be used together with freewheel remover art. 1660.

Material: Chrome vanadium
Surface finish: chrome plated
Polished head

FORGED COMBINATION RATCHET WRENCH

Art. 160

Code:	Dim.:
611609	8
611610	9
611611	10
611612	11
611613	12
611614	13
611615	14
611616	15
611617	16
611618	17
611619	18
611620	19

Forged combination ratchet wrenches are ideal for fitting hubs and for general maintenance on nuts and bolts on the bike.

Material: chrome vanadium
Entirely hardened and tempered
The torque of the wrenches is higher than the prescribed specification

DOUBLE ENDED OFFSET SOCKET WRENCH

Art. 176

Code:	Dim.:
609104	8
609105	9
609106	10

Material: chrome vanadium
Surface finish: chrome plated
6 - point

SLIDING T HANDLE

Art. 190.3 238.3

Art.:	Code:	Dim.:
190.3	600876	1/2"
238.3	605341	3/8"

Material: chrome vanadium
Surface finish: chrome plated
6 - point

REVERSIBLE RATCHET 3/8"

Art. 238.1A BI 190.1A BI

Art.:	Code:	Dim:
238 1.ABI	612501	3/8"
190 1.ABI	611782	1/2"

The ratchet has a safety lock system, which means that socket is realised from the ratchet by simply pressing a button. Speed of working is assured with the locking system and mechanism for realising the socket. The ratchet has 75 teeth, which enables working in inaccessible places.

Material: special composition for hardening and tempering

SOCKET WRENCH

Socket wrenches are produced in accordance with DIN 3124 and ISO 2725-1.

Art. 238 3/8"

Code:	Dim:
605322	6
605323	7
605324	8
605325	9
605326	10
605327	11
605328	12
605329	13
605330	14
605331	15
605332	16
605333	17
605334	18
605335	19
605336	20
605337	21
605338	22

Art. 190 1/2"

Code:	Dim:
605307	8
610155	9
600851	10
600852	11
600853	12
600854	13
600855	14
600856	15
600857	16
600858	17
600859	18
600860	19
600861	20
600862	21
600863	22
600864	23
600865	24
600866	25
600867	26
600868	27
600869	28
610156	29
600871	30
600872	32

HEXAGONAL SOCKET

Material: chrome molybdenum
Bits: special tool steel

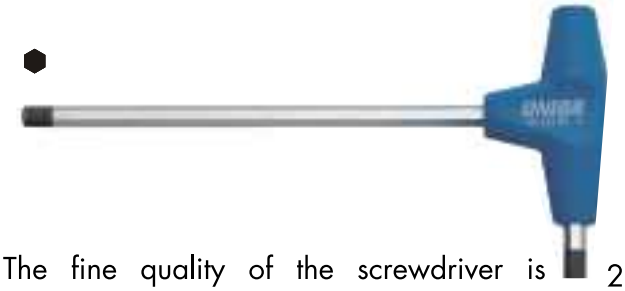
Art.236 HX 3/8"

Code:	Dim:
612082	4
612083	5
612084	6
612085	8
612086	10

Art.192 HX 1/2"

Code:	Dim.:
600978	4
603420	5
603421	6
603422	7
603423	8
605923	9
603424	10
603425	12
603426	14
603427	17
603428	19

HEXAGONAL HEAD SCREWDRIVER WITH T HANDLE



Material: chrome vanadium
Handle: polypropylene

The fine quality of the screwdriver is enhanced by a burnished tip that ensures a perfect fit to hexagon socket fasteners. The screwdriver is available in dimensions from 2,5 till 10 mm. An ergonomic handle enables comfortable and easy use.

Art.193 HX

Code:	Dim.:
607161	2.5
607162	3
607163	3.5
607164	4
607165	4.5
607166	5
607167	6
607168	7
607169	8
607170	10

SOCKET WRENCH WITH T HANDLE

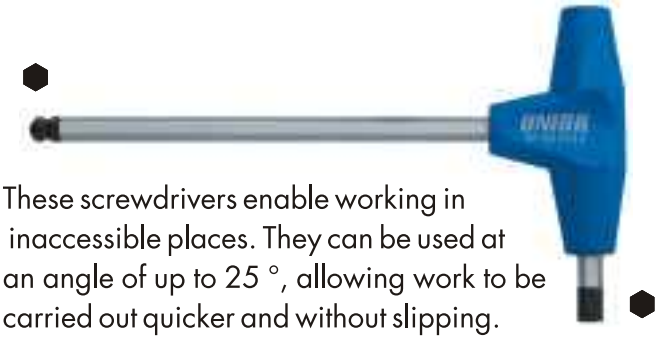
Material: chrome vanadium
Handle: polypropylene

These wrenches have fixed sockets from 5,5 mm to 17 mm. The ergonomic shape ensures comfortable and easy use.

Art. 193 N

Code:	Dim.:
608283	5,5
608284	6
608285	7
608286	8
608287	9
608288	10
608289	11
608290	12
608291	13
608292	14
608293	15
608294	16
608295	17

BALL END HEXAGONAL SCREWDRIVER WITH T HANDLE



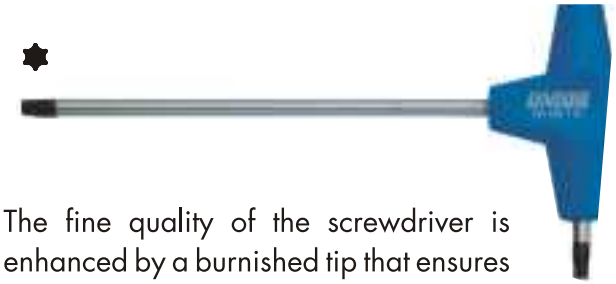
Material: chrome vanadium
Handle: polypropylene

These screwdrivers enable working in inaccessible places. They can be used at an angle of up to 25 °, allowing work to be carried out quicker and without slipping.

Art. 193 HXS

Code:	Dim.:
608276	2,5
608277	3
608278	4
608279	5
608280	6
608281	8
608282	10

TX PROFILE SCREWDRIVER WITH T HANDLE



Material: chrome vanadium
Handle: polypropylene

The fine quality of the screwdriver is enhanced by a burnished tip that ensures a perfect fit to a TX form fastener. The screwdriver is available in dimensions from TX6 to TX45. An ergonomic handle enables comfortable and easy working.

193 TX

Code:	Dim.:
607171	6
607172	7
607173	8
607174	9
607175	10
607176	15
607177	20
607178	25
607179	27
607180	30
607181	40
607182	45

HEXAGONAL WRENCH

Material: chrome vanadium
Surface finish: hardened and zinc plated
DIN: 2936

These hexagonal wrenches are used on hexagonal socket screws. They are available in dimensions from 1,5 mm to 19 mm.

Art. 220

Code:	Dim.:
607823	1,5
607824	2
607825	2,5
601036	3
601037	4
601038	5
601040	6
601041	7
601042	8
601044	10
601045	12
601046	14
601047	17
601048	19
611905	1/16"
611906	5/64"
611907	3/32"
611908	1/8"
611909	5/32"
611910	3/16"
611911	7/32"
611912	1/4"
611913	5/16"
611914	3/8"
611915	7/16"
611916	1/2"

HEXAGONAL WRENCH - SETS:

Art.220 PH

Code:		Pcs:
607852	220	9 / PH

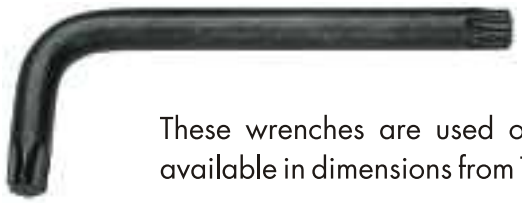
Dimensions:
1.5, 2, 2.5, 3, 4, 5, 6, 8, 10

Art.220 PB1

Code:		Pcs:
610914	220	8 / PB1

Dimensions:
2, 2.5, 3, 4, 5, 6, 8, 10

WRENCH WITH TX PROFILE



Material: chrome vanadium
Surface finish: black, phosphatized

These wrenches are used on fastenings with torx form. They are available in dimensions from TX10 to TX40.

220 TX

Code:	Dim.:
609173	10
609174	15
609175	20
609176	25
609177	27
609178	30
609179	40

WRENCH WITH TX PROFILE - SET:

Art. 220 TX

Code:	Pcs.:
613089 220TX	8 / PH

Dim.: 9,10,15,20,25,27,30,40

BALL END HEXAGONAL WRENCH

Material: chrome vanadium

BALL END HEXAGONAL WRENCH - SET:

Art.220 S

Code:	Pcs.:
610916 220 S	8 / PBI

Dim.:
2,2.5,3,4,5,6,8,10

Art. 220 S

Code:	Dim.:
607826	1,5
607827	2
607828	2,5
607829	3
607830	4
607831	5
607832	6
607834	8
607835	10

HEAVY DUTY DIAGONAL CUTTING NIPPERS

CUTING CAPACITIES:

Soft wire Cu Sn6 (ISO427)	740-830 N/mm2	ϕ 1 mm
Hard Wire	2150 N/mm2	ϕ 1,8 mm

Art. 466 BI

Code:	Dim.:
608850	180

Material: special composition steel, hardened and tempered
Surface finish: Chrome plated
Entirely hardened and tempered
Cutting edges induction hardened
Heavy duty double-component handles
For cutting spokes

COMBINATION PLIERS

Material: special composition steel suitable for hardening and tempering
Surface finish: chrome plated
Entirely hardened and tempered, cutting edges induction hardened
Head polished
Handle: heavy duty double - component, DIN 5746

Combination pliers are the basic tool of every bike mechanic, and enable the cutting of soft and medium hard wire and gripping of diverse work pieces. Ergonomic shape ensures maximum grip on the handle.

Art.406 BI

Code:	Dim.:	CUTTING CAPACITIES SOFT WIRE: 740-830 N/mm²	CUTTING CAPACITIES HARD WIRE: 1600 N/mm²
607870	160	ϕ 1 mm	ϕ 1,6 mm
607871	180	ϕ 1 mm	ϕ 1,6 mm
607872	200	ϕ 1 mm	ϕ 1,6 mm

LONG FLAT NOSE PLIERS

Material: special composition steel suitable for hardening and tempering
Surface finish: chrome plated. Entirely hardened and tempered. Head polished
Handle: heavy duty double - component

Art. 472 BI

Code:	Dim.:
607878	140
607879	160

Flat long jaw with serrated gripping surface enables precise gripping of the work piece. Ergonomic handle provides comfortable and sure grip.

LONG NOSE PLIERS WITH SIDE CUTTER AND PIPE GRIP, BENT

Material: special composition steel suitable for hardening and tempering
Surface finish: chrome plated
Entirely hardened and tempered, cutting edges induction hardened.
Head polished
Handle:heavy duty double component

Half round jaws bent to an angle of 45 ° enables perfect grip in inaccessible places. Gripping surface serrated ensuring an accurate and secure grip.

Art. 512 BI

Code:	Dim:	CUTTING CAPACITIES: Soft wire: 740-830 N/mm²	 Hard wire: 1600 N/mm²
607966	170	ϕ 1 mm	ϕ 1,6 mm
607967	200	ϕ 1 mm	ϕ 1,6 mm

VARIABLE JOINT HYPO PLIERS

Art. 442 BI

Code:	Dim.:
611780	240

The advantage of the Hypo pliers is that it is not necessary to preset the width of the jaws, owing to our one hand self adjusting operation. The pliers adapt perfectly to the work piece whatever its shape up to ϕ40 mm. The locking mechanism enables easier storage when not in use.

Material: special composition steel suitable for hardening and tempering
Surface finish: chrome plated
Entirely hardened and tempered
Head polished
Handle: heavy duty double - component

WATERPUMP BOX JOINT POLIERS " PYTHON"

Art. 449 BI

Code:	Dim.:
615032	240

Python pliers have jaws that are adjustable in 7 positions. The jaws are always parallel to protect the work piece from being damaged. When working on chromed or polished work pieces the additional plastic jaws should be used.

Material: special composition steel suitable for hardening and tempering
Surface finish: chrome plated
Entirely hardened and tempered
Head polished
Handle: heavy duty double component

Plastic jaw for 449 Python:

Art. 449.1

Code:
615033

EXTERNAL LOCK RING PLIERS, BENT

Art. 534/4

Code:	Shaft diameter:
608745	19-60 mm
608746	40-100 mm

Material: special composition steel suitable for hardening and tempering
Head polished
Surface finish: phosphatized

The external lock ring plier, bent are designed for removing the nuts on rear sprocket.

BUMPING HAMMER

Art. 819

Code:	Dim.:
610420	700

Housing from cut steel plate, ergonomic rubber grip
The inserts, made from polyurethane, are exchangeable and they are acid and oil resistant.
The hammer can be used with crown race setting system (art. 1683).

BUMPING HAMMER

Art. 819 A

Code:	Dim.:
615034	950

Lacquered metal housing and tubular handle
The inserts, made from polyurethane, are exchangeable and they are acid and oil resistant.
The hammer can be used with crown race setting system (art. 1683).

SCREWDRIVERS TBI

The combination of the soft and hard surfaces improves the load factor and assures comfortable working without damage. Screwdriver cannot roll from the work surface. The handle has been developed to reduce strain and fatigue, as less physical effort is required. The soft material ensures maximum grip even when oily.

Material chrome vanadium molybdenum steel
Blade: chrome plated Burnished tip
Handle: three component handle

SCREWDRIVER WITH TX PROFILE

Art. 621 TBI TX

Code:	Dim.:
611722	6
611723	7
611724	8
611725	9
611726	10
611727	15
611728	20
611729	25
611730	27
611731	30
611732	40
611733	45

FLAT SCREWDRIVER

Art. 605 TBI

Code:	Dim.:
612810	2,5x60
611687	2,5x75
611688	3,0 x 80
612811	3,0x100
611689	3,0x125
612812	3,0x150
612813	3,5x75
611690	3,5x100
611691	3,5x125
611692	4,0x100
612814	4,0x125
611693	4,0x150
612815	4,0x200
612816	5,5x100
611694	5,5x125
611695	5,5x150
612817	6,5x100
612818	6,5x125
611696	6,5x150

CROSSTIP (PH) SCREWDRIVER

Art. 615 TBI

Code:	Dim.:
611701	PH 0 x 60
611702	PH 1 x 80
611703	PH 1 x 200
611704	PH 2 x 100
611705	PH 2 x 150
611706	PH 2 x 200

3/8" DIAL TORQUE WRENCH

Art. 261

Code:	Measure range:
607139	3 - 40 Nm

This torque wrench is produced in accordance with the requirements of ISO 6789 standard. It is suitable for professional use. This model has a visual signal overload protection and is fitted with a double ended ratcheting spindle 3/8"

3/8" TORQUE WRENCH

Art. 264

Code:	Dim.:	Measure range:
615485	1/4"	2 - 24 Nm
615486	3/8"	5 - 110 Nm
615487	1/2"	42 - 210 Nm

TOOL CARRIAGES "HERCULES"

Material: sheet metal
Drawers with ball bearing slides
Four wheels, two with brake
Locking system
Artificial lining protects drawers and tools from damage
Lacquered with cadmium and lead free colour
Static load capacity of carriage is 1500 kg
Capacity of small drawers is 25 kg
Capacity of large drawers is 40 kg
Front drawers dimension: 585x408x75 mm (and 155mm)
Side drawers dimension: 425x367x75 mm (and 155mm)
Carriages art. 940H, 940H1 in 940H2 have 7 front and 7 side drawers.

940H ...

Art:	Code:
940H1	615510
940H2	615511
940H3	615512

These carriages enable all tools to be taken directly to the workplace. On the solid wooden worktop it is possible to fit a vice and a master truing stand and clamps. The static load capacity make possible to do the work which needs more physical effort.

Art.940 H1

Art.940 H2

Art.940 H3

WORK BENCH

946 A

Code:	Description:
612328	Wooden top, 5 drawer (two dimension 585x615x155 and three dim. 585x615x75)

This work bench is ideal for bicycle repair shops, as it fits perfectly with working surroundings and makes it possible to perform different working operations at the same time. It is perfect for the safe storage of tools. The safety and durability of the work bench enables carrying out a working operation with less physical effort.

Material: sheet metal
Drawers with ball bearing slides
Locking system
Artificial lining protects drawers and tools from damage
Lacquered with cadmium and lead free colour
With wooden top
Static load capacity of carriage is 2300 kg

CABINET FOR WORK BENCH

It is possible to fit a cabinet to the work bench. The cabinet is used for hanging tools, therefore ensuring that tools are always stored in their allotted space. The cabinet enables quick accessibility to frequently used tools.

Art. 946 ..

Art.:	Code:	Description:
946 C	612329	Cabinet for work bench
946 CR	612330	Cabinet with roller shutter for work bench
946 AC	612220	Work bench with cabinet
946 ACR	612331	Work bench with cabinet with roller shutter

The cabinet it is available in two different models: with roller shutter (94 CR) and without roller shutter (946 C). The advantage of the roller shutter version is that the tools can be locked away after work.

Art. 946 AC

Art. 946 ACR

Art. 946 C

HOOKS

Hooks are useful for boards, display panels and tool cabinets.
The hooks can be arranged according to the tools being stored.

Art. 997.1

Code:	Dim.:
609478	35
609479	50
609480	80
608447	100
610559	150
610560	200

TOOL CABINET

Art.948E3

Art. 948 E...

Art.:	Code:	Description:
948E1	612215	Dimension of tool cabinet: 700x900x300 Tool cabinet with drawer dim: 575x285x75 mm
948E2	612216	Dimension of tool cabinet: 700x900x300
948E3	612217	Dimension of tool cabinet: 500x900x300

Three different types of tool cabinet enable easy storage of tools in. The tools can be divided and arranged according to the user's requirements. Tools are easily accessible at all times.

Material: sheet metal
The interior of the cabinet is fitted with perforated steel plate
Locking system
Plastic angle
Lacquered with cadmium and lead free colour

Art.948E1

DISPLAY PANEL

Material: perforated steel plate
Useful for bike repair shops.

Art. 996 ...

Art.:	Code:	Dim.:
996/1	605118	592 x 22 x 1000
996/2	605114	888 x 22 x 1000
996/3	605119	1185 x 22 x 1000

The display panel can be fitted on a wall. It is intended for storing various hand tools on hangers of the appropriate type. It is possible to permanently fix the hangers.

TOOL BOX

Material: sheet metal
Lacquered with cadmium and lead free colour

Art. 915 912/1

Art.:	Code:	Description:	Dim.:
915/5	607137	Tool box 5- compartments	550x260x200
915/3	608539	Tool box 3 compartments	550x202x500
912/1	601910	Tool box 1 compartments	550X130x215

Cantilever tool boxes make the carrying of hand tools around the workshop easy, and are also suitable for use in the field. They are produced from high quality sheet metal, which unlike certain other materials is tough and weather resistant

TOOL CARRIAGE "EUROSTYLE"

Material: sheet metal
Drawers with ball bearing slides
Four wheels, one with brake
Locking system
Artificial lining protects drawers and tools from damage
Lacquered with cadmium and lead free colour. Static load capacity of carriage is 1000 kg. Capacity of small drawers is 25 kg
Capacity of large drawers is 40 kg
Dim. of small drawers is 585x405x75
Dim. of large drawer is 585x405x155

Art. 940.E...

Art.:	Code:	Description:
940E1	608542	5 drawers (three small ;one large and one with lifting door)
940E3	608544	6 drawers (three small and three large)
940E4	608545	7 drawers (five small and two large)
940E6	608547	8 drawers (seven small and one large)
940E 4/1L	612138	7 drawers (five small and two large)

Carriage 940 E1/1L has left and right side fitted with perforated sheet metal, that enable hanging of tools (10 pcs of hooks are included).

The carriages enable the transport of tools between different work places. Tools remain accessible at all times, and it is easy to identify if items are missing. Unior produces a wide range of carriages of different types. For more information please contact our distributor or agent.

UNIOR®

WORLD DISTRIBUTION NETWORK

UNIOR Australia Tool Company Pty Ltd
17 Wayne Court
Dandenong VICTORIA 3175, AUSTRALIA
Ph: +61 3 9701 3268
Fax: +61 3 9794 0616
Email: sales@unior-aust.com.au
www.unior-aust.com.au

UNIOR Produktions und Handels Ges.m.b.
AUENGASSE 9, A-9170 FERLACH, AUSTRIA
Tel.: +43 4227-3515
Fax: +43 4227-351518
e-mail: office@unior.at
www.unior.at

UNIOR DEUTSCHLAND GmbH
AN DER ESSSEITE 219,
D-48599 GRONAU
Tel.: +49 2562-817 20
Fax: +49 2562=817 229
e-mail: info@unior-werkzeug.de
www.unior-werkzeug.de

UNIOR ESPANA, S.L.
Pol Leizotz, s/n, Parc. F-Pab. E
20140 ANDOAIN (GUIPUZCOA), SPAIN
Tel.: +34-943-30-41-82
Fax: +34-943-59-34-09
e-mail: uniores@telefonica.net

UNIOR TOOLS S.A.R.L.
166-172, RUE DU GENERAL DELESTRAINT
Z.I. DE VAUX LE PENIL,77000 MELUN,
FRANCE
Tel.: +33 1/64 37 2300
Fax: +33 1/64 39 4090
e-mail: uniortools@wanadoo.fr

UNIOR INTERNATIONAL Ltd.
UNIT 7, Belton lane industrial Estate
Grantham, Lincs NG 31 9 HN, GB
Tel.: +01476 567827

UNIOR HELLAS S.A.
30 Pierias & Kimis, 14451 Metamorfosi, Athens –Greece
Tel.: +30 210 2852881-5
Fax: +30 2102852886
e- mail. unior@hol.gr
www. uniorgr.com

UNIOR ITALIA S.p.A.
Via Amendola 19/17, I-20037 PADERNO DUGNANO (MI)
Tel.: +02/9904 3403, 02/9904 3414
Fax: +02/9904 3414
e-mail: uniorit@tiscalinet.it

UNIOR KOMERC d.o.o.
Bulevar Asnom 58,1000 SKOPJE, MACEDONIA
Tel.: +389 (0)2 43-20-57
Fax: +389 (0)2 43-20-89
e-mail: uniormk@unet.com.mk
www.uniorkomerc.com.mk

UNIOR Professional Tools Ltd
23 A, Syzranskaya str.196105, St. Petersburg, Russia
Tel.: +7 812 449 83 53
Fax: +7 812 449 83 53
e-mail: sales@unior.ru
www.unior.ru

UNIOR SINGAPORE PTE Ltd.
365-367 JALAN BESAR, SINGAPORE 208995
Tel.: +65 (0) 6295 50 49
Fax: +65 (0) 6295 59 87
e-mail: unior@singnet.com.sg
www.unior.com.sg

UNIOR USA Corporation
3550 N. Union Drive, Olney, IL 62450
Tel.: +001 618-393-2955
Fax: +001 618-393-2956

UNIOR d.d.
KOVAŠKA C. 10, 3214 ZREČE, SLOVENIA
Tel.: +386 3 757 81 00
Tel.: +386 3 576 26 43, 576 21 03
e-mail: prodajaor@unior.si